

## Recreational Use Attainability Analysis

### Cover Sheet

Water Body Name: Big Bottom Creek

Water Body Identification #: 1746

#### Completed UAA Checklist:

- G Pre-Field Preparatory Data Sheet
- G Maps with actual survey sites marked
- G Data Sheet A
- G Data Sheet B – 3 of 3 pages for each site
  - o Number of Sites: 6
- G Data Sheet C (if applicable)
  - o Number of Interviews: 0
- G Photographs
  - o Quantities
    - Upstream 6
    - Downstream 6
    - Other 4

I, the undersigned, hereby affirm to the best of my knowledge, that all information reported in this UAA is true and accurate.

Signed: Jessica Crowley Date: 7/27/06  
Printed Name: Jessica Crowley Telephone #: 410-356-8993  
Organization: Tetra tech Inc Position: Scientist

**Pre-Field Preparatory Data Sheet**  
**for Recreational Use Stream Surveys**

|   |  |
|---|--|
| Water Body Name: <i>Big Bottom Creek</i><br>(from USGS 7.5' quad) |  |
| 8-digit HUC: <i>07140101</i>                                      | Missouri Water Body Identification (WBID) #: <i>1746</i> |
| County: <i>Ste. Genevieve</i>                                     |  |
| Upstream Legal Description:                                       |  |
| Downstream Legal Description:                                     |  |
| Discharger Facility Name(s): <i>Lake Forest Estates Subd.</i>     |  |
| Discharger Permit Number(s): <i>MO 0035742</i>                    |  |
| Weather Conditions for Past 7 days: <i>Sunny + warm 90°F</i>      |  |

**Site Locations Map(s):** Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest.

WBID # 1746

2

Date: 7/27/00

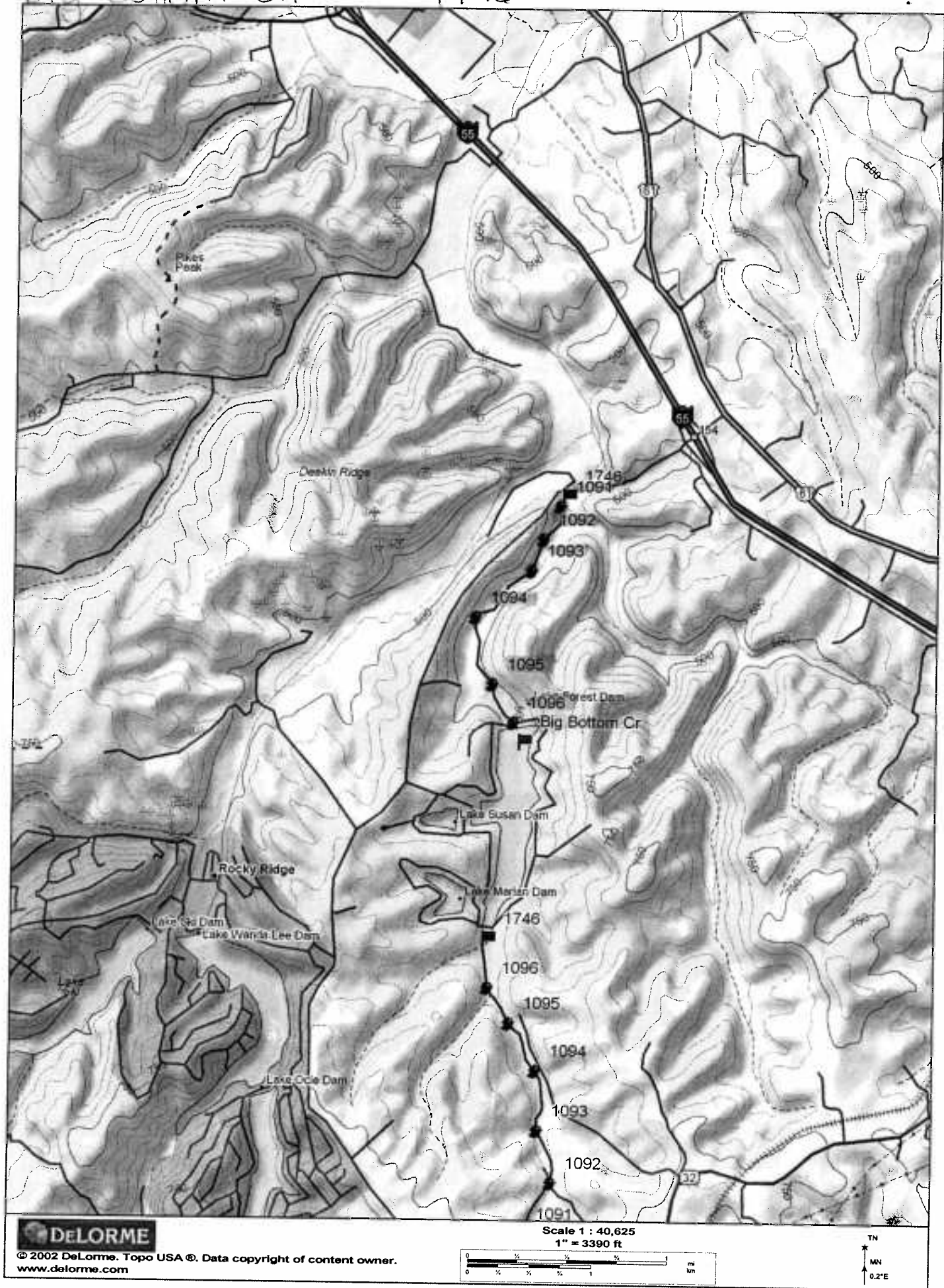
**Field Data Sheets for Recreational Use Stream Surveys**

**Data Sheet A - Water Body Identification**

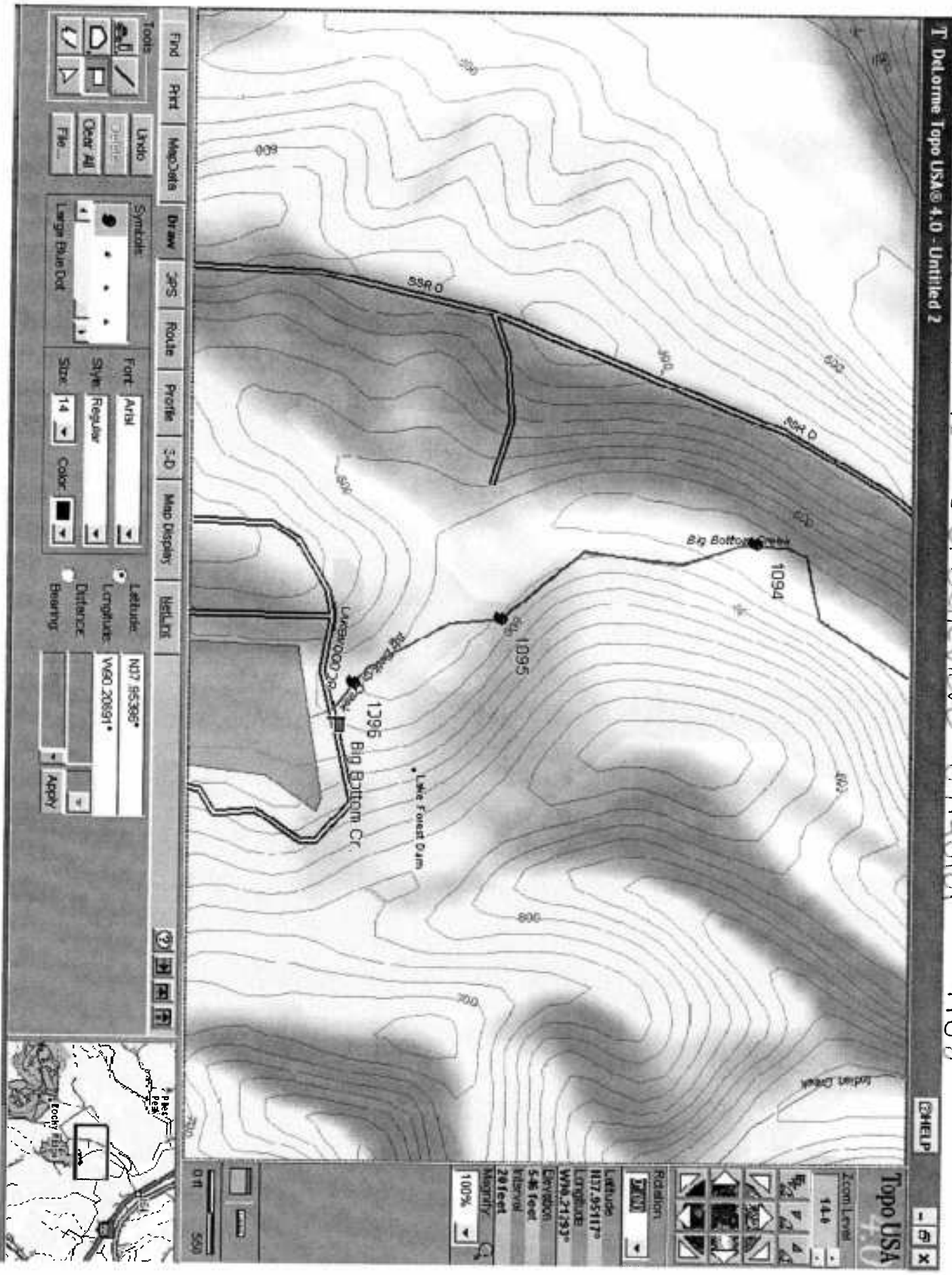
|                             |                          |
|-----------------------------|--------------------------|
| Water Body Name:            | <u>Big Bottom Creek</u>  |
| WBID #:                     | <u>1746</u>              |
| Upstream Coordinates:       | <u>37 95382</u>          |
| (WGS 84, ddd.ddddd) -       | <u>90.20784</u>          |
| Downstream Coordinates:     | <u>37.96939</u>          |
| (WGS 84, ddd.ddddd) -       | <u>90.20270</u>          |
| Current Weather Conditions: | <u>cloudy, warm 80°F</u> |
| Number of Sites Evaluated:  | <u>6</u>                 |
| Name(s) of Surveyor(s):     | <u>DB, JL</u>            |

Big Bottom Cr.

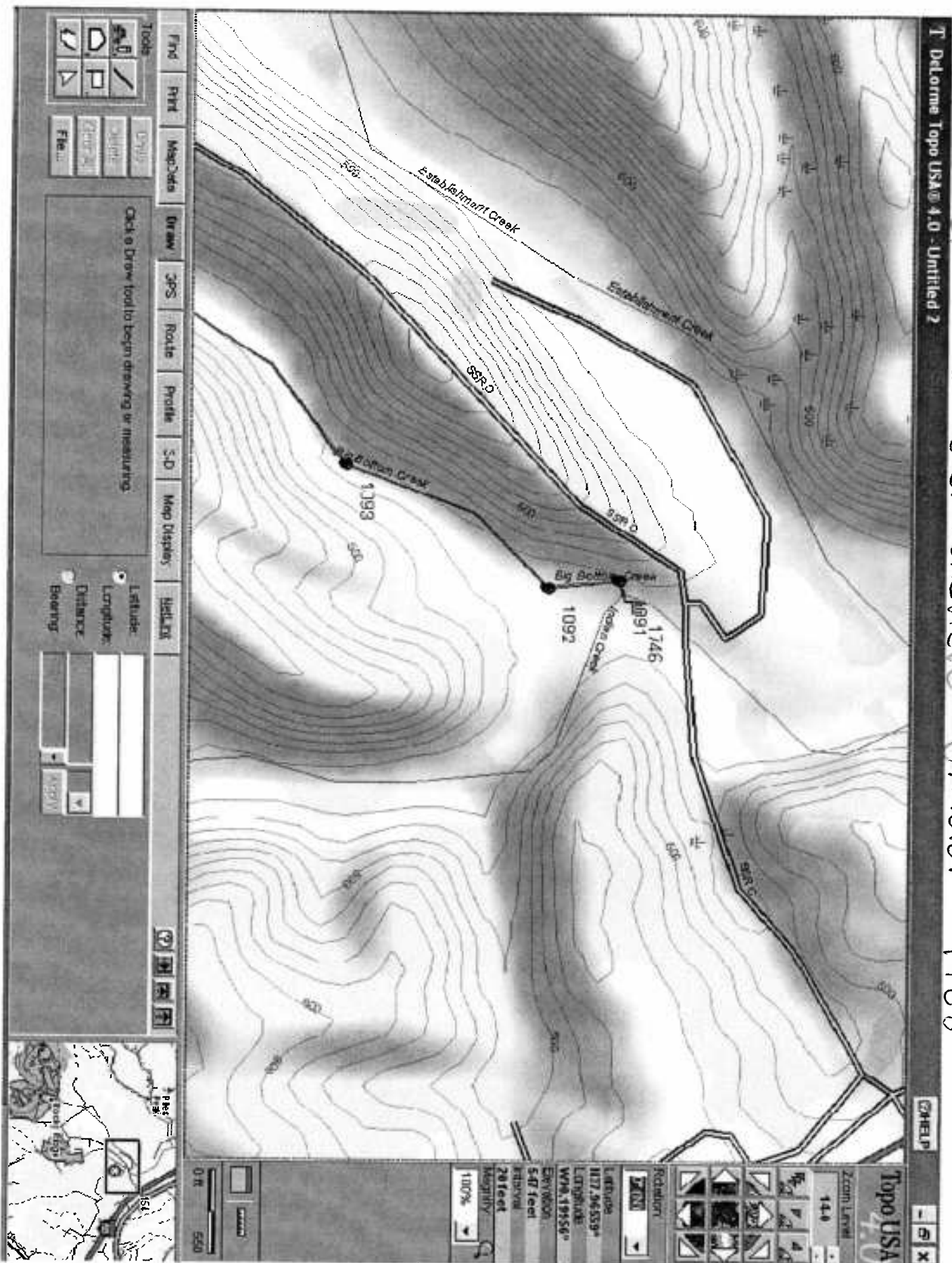
1746



Big Bottom Cr 1746 St. Genevieve 07140101 4968



Big Bottom Cr 1746 Ste. Genevieve 07140101 4968





WBID # 1746 Site # 1091Date: 7/27/06

3

**Field Data Sheets for Recreational Use Stream Surveys****Data Sheet B - Site Characterization – 1 of 3**  
(A separate Data Sheet B must be completed for each site)

|  |                           |
|--|---------------------------|
| Latitude (ddd.dddd): <u>37.96939</u>   | Arrival Time: <u>0810</u> |
| Longitude (ddd.dddd): <u>-90.20270</u> |                           |
| Photo Ids: Upstream: <u>#227</u>       | Downstream: <u>#226</u>   |
| Other:                                 |                           |

**Narrative Description of Location:** (Describe access point to stream, nearby roads, landmarks, etc.)≈ .1 mile W from road crossing**Surrounding Conditions\*:** (Mark all that promote or impede recreational uses. Attach photos of evidence or unusual items of interest.)

|  |                                      |   |  |   |
|--|--------------------------------------|---|--|---|
| <input type="checkbox"/> City/county parks | <input type="checkbox"/> Playgrounds | <input type="checkbox"/> MDC conservation lands | <input type="checkbox"/> Urban areas   | <input type="checkbox"/> Campgrounds    |
| <input type="checkbox"/> Boating accesses  | <input type="checkbox"/> State parks | <input type="checkbox"/> National forests       | <input type="checkbox"/> Nature trails | <input type="checkbox"/> Stairs/walkway |
| <input type="checkbox"/> No trespass sign  | <input type="checkbox"/> Fence       | <input type="checkbox"/> Steep slopes           | <input type="checkbox"/> Other:        |   |

**Human Uses Observed\*:**

|                                       |                                      |                                       |   |                                       |
|---------------------------------------|--------------------------------------|---------------------------------------|---|---------------------------------------|
| <input type="checkbox"/> Swimming     | <input type="checkbox"/> Skin diving | <input type="checkbox"/> SCUBA diving | <input type="checkbox"/> Tubing                       | <input type="checkbox"/> Water skiing |
| <input type="checkbox"/> Wind surfing | <input type="checkbox"/> Kayaking    | <input type="checkbox"/> Boating      | <input type="checkbox"/> Wading                       | <input type="checkbox"/> Rafting      |
| <input type="checkbox"/> Hunting      | <input type="checkbox"/> Trapping    | <input type="checkbox"/> Fishing      | <input checked="" type="checkbox"/> None of the above | <input type="checkbox"/> Other:       |

Describe: (include number of individuals recreating, frequency of use, photo-documentation of evidence of recreational uses, etc.)

**Evidence of Human Use\*:**

|                                      |  |  |   |  |
|--------------------------------------|--|--|---|--|
| <input type="checkbox"/> Roads       | <input type="checkbox"/> Foot paths/prints | <input type="checkbox"/> Dock/platform | <input type="checkbox"/> Livestock Watering | <input type="checkbox"/> RV / ATV Tracks |
| <input type="checkbox"/> Rope swings | <input type="checkbox"/> Camping Sites     | <input type="checkbox"/> Fire pit/ring | <input type="checkbox"/> NPDES Discharge    | <input type="checkbox"/> Fishing Tackle  |
| <input type="checkbox"/> Other:      |  |  |   |  |

**Sources of Pollution:** (e.g., trash dumping, tires, drainages, discharges, etc.)

|  |
|--|
|  |
|--|

WBID # 1746 Site # 1091  
 Date: 7/27/06

4

### Data Sheet B - Site Characterization - 2 of 3

#### Stream Morphology:

##### Upstream View Physical Dimensions:

|  | Distance from access point (m)   | Width (m)                               | Length (m) | Avg. Depth (m) | Max Depth (m) |
|--|--|---|------------|----------------|---------------|
| <input type="checkbox"/> Riffle          |  |   |            |                |               |
| <input type="checkbox"/> Run             |  |   |            |                |               |
| <input checked="" type="checkbox"/> Pool | 1 mile up  | 1                                       | 5          | 1              | 15            |
| <input checked="" type="checkbox"/> Flow | Present? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Velocity (ft/sec): none measurable flow |            |                |               |

##### Downstream View Physical Dimensions:

|  | Distance from access point (m)   | Width (m)                               | Length (m) | Avg. Depth (m) | Max Depth (m) |
|--|--|---|------------|----------------|---------------|
| <input type="checkbox"/> Riffle          |  |   |            |                |               |
| <input type="checkbox"/> Run             |  |   |            |                |               |
| <input checked="" type="checkbox"/> Pool | 1 mile up  | 2                                       | 12         | 25             | 3             |
| <input checked="" type="checkbox"/> Flow | Present? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Velocity (ft/sec): none measurable flow |            |                |               |

#### Substrate\*: (These values should add up to 100%.)

|             |             |        |        |            |           |
|-------------|-------------|--------|--------|------------|-----------|
| 50 % Cobble | 50 % Gravel | % Sand | % Silt | % Mud/Clay | % Bedrock |
|-------------|-------------|--------|--------|------------|-----------|

#### Aquatic Vegetation\*: (Note amount of vegetation or algal growth at the assessment site.)

|      |
|------|
| none |
|------|

#### Water Characteristics\*: (Mark all that apply.)

|                  |  |                                 |   |  |                                 |
|------------------|--|---------------------------------|---|--|---------------------------------|
| Odor:            | <input checked="" type="checkbox"/> Sewage | <input type="checkbox"/> Musky  | <input type="checkbox"/> Chemical       | <input checked="" type="checkbox"/> None | <input type="checkbox"/> Other: |
| Color:           | <input checked="" type="checkbox"/> Clear  | <input type="checkbox"/> Green  | <input type="checkbox"/> Gray           | <input type="checkbox"/> Milky           | <input type="checkbox"/> Other: |
| Bottom Deposit:  | <input type="checkbox"/> Sludge            | <input type="checkbox"/> Solids | <input type="checkbox"/> Fine sediments | <input checked="" type="checkbox"/> None | <input type="checkbox"/> Other: |
| Surface Deposit: | <input type="checkbox"/> Oil               | <input type="checkbox"/> Scum   | <input type="checkbox"/> Foam           | <input checked="" type="checkbox"/> None | <input type="checkbox"/> Other: |

\*This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that affect another use.



WBID # 1746 Site # 10A1

Date: 7/27/06

5

### Data Sheet B - Site Characterization – 3 of 3

**Comments:** Please describe any departures from protocol and the reasons for departure (e.g., unanticipated unique local conditions, problems in measuring, site relocation).

---

---

---

---

---

---

WBID # 1746 Site # 1091

Date: 7/27/06

6

**Field Data Sheets for Recreational Use Stream Surveys**

**Data Sheet C – Interviews**

(Make additional copies as necessary for multiple interviews)

1. Do you live in the area? ☐ Yes ☐ No

If so, how long have you lived here? \_\_\_\_\_

2. Have you personally used this water body for recreation since 1975? ☐ Yes ☐ No

If so, please check ALL that apply:

|                                       |                                      |                                       |  |                                       |
|---------------------------------------|--------------------------------------|---------------------------------------|--|---------------------------------------|
| <input type="checkbox"/> Swimming     | <input type="checkbox"/> Skin diving | <input type="checkbox"/> SCUBA diving | <input type="checkbox"/> Tubing            | <input type="checkbox"/> Water skiing |
| <input type="checkbox"/> Wind surfing | <input type="checkbox"/> Kayaking    | <input type="checkbox"/> Boating      | <input type="checkbox"/> Wading            | <input type="checkbox"/> Rafting      |
| <input type="checkbox"/> Hunting      | <input type="checkbox"/> Trapping    | <input type="checkbox"/> Fishing      | <input type="checkbox"/> None of the above | <input type="checkbox"/> Other:       |

How often do you use it for recreation?

G More than 5 times per year

G 1 – 5 times per year

G Less than 1 time per year – please describe: \_\_\_\_\_

3. Have you observed others using this water body for recreation since 1975? ☐ Yes ☐ No

If so, please check ALL that apply:

|                                       |                                      |                                       |  |                                       |
|---------------------------------------|--------------------------------------|---------------------------------------|--|---------------------------------------|
| <input type="checkbox"/> Swimming     | <input type="checkbox"/> Skin diving | <input type="checkbox"/> SCUBA diving | <input type="checkbox"/> Tubing            | <input type="checkbox"/> Water skiing |
| <input type="checkbox"/> Wind surfing | <input type="checkbox"/> Kayaking    | <input type="checkbox"/> Boating      | <input type="checkbox"/> Wading            | <input type="checkbox"/> Rafting      |
| <input type="checkbox"/> Hunting      | <input type="checkbox"/> Trapping    | <input type="checkbox"/> Fishing      | <input type="checkbox"/> None of the above | <input type="checkbox"/> Other:       |

How often have you observed it being used for recreation?

G More than 5 times per year

G 1 – 5 times per year

G Less than 1 time per year – please describe: \_\_\_\_\_

4. Additional Comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Contact Information** (if willing to provide):

Name:

Address:

Telephone #:

WBID # 1746 Site # 1092Date: 1/29/06

3

**Field Data Sheets for Recreational Use Stream Surveys****Data Sheet B - Site Characterization – 1 of 3**  
(A separate Data Sheet B must be completed for each site)

|  |                           |
|--|---------------------------|
| Latitude (ddd.dddd): <u>37.96835</u>   | Arrival Time: <u>0815</u> |
| Longitude (ddd.dddd): <u>-90.20233</u> |                           |
| Photo Ids: Upstream: <u>#228</u>       | Downstream: <u>#229</u>   |
| Other:                                 |                           |

**Narrative Description of Location:** (Describe access point to stream, nearby roads, landmarks, etc.)≈ 150m US from site #1091**Surrounding Conditions\*:** (Mark all that promote or impede recreational uses. Attach photos of evidence or unusual items of interest.)

|  |                                      |   |  |   |
|--|--------------------------------------|---|--|---|
| <input type="checkbox"/> City/county parks | <input type="checkbox"/> Playgrounds | <input type="checkbox"/> MDC conservation lands | <input type="checkbox"/> Urban areas   | <input type="checkbox"/> Campgrounds    |
| <input type="checkbox"/> Boating accesses  | <input type="checkbox"/> State parks | <input type="checkbox"/> National forests       | <input type="checkbox"/> Nature trails | <input type="checkbox"/> Stairs/walkway |
| <input type="checkbox"/> No trespass sign  | <input type="checkbox"/> Fence       | <input type="checkbox"/> Steep slopes           | <input type="checkbox"/> Other:        |   |

**Human Uses Observed\*:**

|                                       |                                      |                                       |   |                                       |
|---------------------------------------|--------------------------------------|---------------------------------------|---|---------------------------------------|
| <input type="checkbox"/> Swimming     | <input type="checkbox"/> Skin diving | <input type="checkbox"/> SCUBA diving | <input type="checkbox"/> Tubing                       | <input type="checkbox"/> Water skiing |
| <input type="checkbox"/> Wind surfing | <input type="checkbox"/> Kayaking    | <input type="checkbox"/> Boating      | <input type="checkbox"/> Wading                       | <input type="checkbox"/> Rafting      |
| <input type="checkbox"/> Hunting      | <input type="checkbox"/> Trapping    | <input type="checkbox"/> Fishing      | <input checked="" type="checkbox"/> None of the above | <input type="checkbox"/> Other:       |

Describe: (include number of individuals recreating, frequency of use, photo-documentation of evidence of recreational uses, etc.)

**Evidence of Human Use\*:**

|                                      |  |  |   |  |
|--------------------------------------|--|--|---|--|
| <input type="checkbox"/> Roads       | <input type="checkbox"/> Foot paths/prints | <input type="checkbox"/> Dock/platform | <input type="checkbox"/> Livestock Watering | <input type="checkbox"/> RV / ATV Tracks |
| <input type="checkbox"/> Rope swings | <input type="checkbox"/> Camping Sites     | <input type="checkbox"/> Fire pit/ring | <input type="checkbox"/> NPDES Discharge    | <input type="checkbox"/> Fishing Tackle  |
| <input type="checkbox"/> Other:      |  |  |   |  |

**Sources of Pollution:** (e.g., trash dumping, tires, drainages, discharges, etc.)

|  |
|--|
|  |
|--|

WBID # 1746 Site # 1092Date: 7/27/06

4

## Data Sheet B - Site Characterization - 2 of 3

## Stream Morphology:

## Upstream View Physical Dimensions:

Dry channel

|  | Distance from access point (m) | Width (m) | Length (m) | Avg. Depth (m) | Max Depth (m) |
|--|--------------------------------|-----------|------------|----------------|---------------|
| <input type="checkbox"/> Riffle  |                                |           |            |                |               |
| <input type="checkbox"/> Run   |                                |           |            |                |               |
| <input type="checkbox"/> Pool  |                                |           |            |                |               |
| <input type="checkbox"/> Flow Present? <input type="checkbox"/> Yes <input type="checkbox"/> No Velocity (ft/sec): |                                |           |            |                |               |

## Downstream View Physical Dimensions:

Dry channel

|  | Distance from access point (m) | Width (m) | Length (m) | Avg. Depth (m) | Max Depth (m) |
|--|--------------------------------|-----------|------------|----------------|---------------|
| <input type="checkbox"/> Riffle  |                                |           |            |                |               |
| <input type="checkbox"/> Run   |                                |           |            |                |               |
| <input type="checkbox"/> Pool  |                                |           |            |                |               |
| <input type="checkbox"/> Flow Present? <input type="checkbox"/> Yes <input type="checkbox"/> No Velocity (ft/sec): |                                |           |            |                |               |

## Substrate\*: (These values should add up to 100%.)

|          |          |        |        |            |           |
|----------|----------|--------|--------|------------|-----------|
| % Cobble | % Gravel | % Sand | % Silt | % Mud/Clay | % Bedrock |
|----------|----------|--------|--------|------------|-----------|

## Aquatic Vegetation\*: (Note amount of vegetation or algal growth at the assessment site.)

|  |
|--|
|  |
|--|

## Water Characteristics\*: (Mark all that apply.)

|                  |                                 |                                 |   |                                |                                 |
|------------------|---------------------------------|---------------------------------|---|--------------------------------|---------------------------------|
| Odor:            | <input type="checkbox"/> Sewage | <input type="checkbox"/> Musky  | <input type="checkbox"/> Chemical       | <input type="checkbox"/> None  | <input type="checkbox"/> Other: |
| Color:           | <input type="checkbox"/> Clear  | <input type="checkbox"/> Green  | <input type="checkbox"/> Gray           | <input type="checkbox"/> Milky | <input type="checkbox"/> Other: |
| Bottom Deposit:  | <input type="checkbox"/> Sludge | <input type="checkbox"/> Solids | <input type="checkbox"/> Fine sediments | <input type="checkbox"/> None  | <input type="checkbox"/> Other: |
| Surface Deposit: | <input type="checkbox"/> Oil    | <input type="checkbox"/> Scum   | <input type="checkbox"/> Foam           | <input type="checkbox"/> None  | <input type="checkbox"/> Other: |

\*This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that affect another use.

WBID # 1746 Site # 1092

Date: 7/27/06

5

### Data Sheet B - Site Characterization – 3 of 3

**Comments:** Please describe any departures from protocol and the reasons for departure (e.g., unanticipated unique local conditions, problems in measuring, site relocation).

US+OS sections were dry

WBID # 1746 Site # 1092

Date: 7/27/06

6

**Field Data Sheets for Recreational Use Stream Surveys**

**Data Sheet C – Interviews**

(Make additional copies as necessary for multiple interviews)

1. Do you live in the area? ☐ Yes ☐ No

If so, how long have you lived here? \_\_\_\_\_

2. Have you personally used this water body for recreation since 1975? ☐ Yes ☐ No

If so, please check ALL that apply:

|                                       |                                      |                                       |  |                                       |
|---------------------------------------|--------------------------------------|---------------------------------------|--|---------------------------------------|
| <input type="checkbox"/> Swimming     | <input type="checkbox"/> Skin diving | <input type="checkbox"/> SCUBA diving | <input type="checkbox"/> Tubing            | <input type="checkbox"/> Water skiing |
| <input type="checkbox"/> Wind surfing | <input type="checkbox"/> Kayaking    | <input type="checkbox"/> Boating      | <input type="checkbox"/> Wading            | <input type="checkbox"/> Rafting      |
| <input type="checkbox"/> Hunting      | <input type="checkbox"/> Trapping    | <input type="checkbox"/> Fishing      | <input type="checkbox"/> None of the above | <input type="checkbox"/> Other:       |

How often do you use it for recreation?

G More than 5 times per year

G 1 – 5 times per year

G Less than 1 time per year – please describe: \_\_\_\_\_

3. Have you observed others using this water body for recreation since 1975? ☐ Yes ☐ No

If so, please check ALL that apply:

|                                       |                                      |                                       |  |                                       |
|---------------------------------------|--------------------------------------|---------------------------------------|--|---------------------------------------|
| <input type="checkbox"/> Swimming     | <input type="checkbox"/> Skin diving | <input type="checkbox"/> SCUBA diving | <input type="checkbox"/> Tubing            | <input type="checkbox"/> Water skiing |
| <input type="checkbox"/> Wind surfing | <input type="checkbox"/> Kayaking    | <input type="checkbox"/> Boating      | <input type="checkbox"/> Wading            | <input type="checkbox"/> Rafting      |
| <input type="checkbox"/> Hunting      | <input type="checkbox"/> Trapping    | <input type="checkbox"/> Fishing      | <input type="checkbox"/> None of the above | <input type="checkbox"/> Other:       |

How often have you observed it being used for recreation?

G More than 5 times per year

G 1 – 5 times per year

G Less than 1 time per year – please describe: \_\_\_\_\_

4. Additional Comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Contact Information** (if willing to provide):

Name:

Address:

Telephone #:

WBID # 1746 Site # 1093Date: 7/27/06

3

**Field Data Sheets for Recreational Use Stream Surveys****Data Sheet B - Site Characterization – 1 of 3**  
(A separate Data Sheet B must be completed for each site)

|  |                           |
|--|---------------------------|
| Latitude (ddd.dddd): <u>37.96749</u>   | Arrival Time: <u>0825</u> |
| Longitude (ddd.dddd): <u>-90.20330</u> |                           |
| Photo Ids: Upstream: <u>#231</u>       | Downstream: <u>#230</u>   |
| Other:                                 |                           |

**Narrative Description of Location:** (Describe access point to stream, nearby roads, landmarks, etc.)~ 150m US from site # 1092**Surrounding Conditions\*:** (Mark all that promote or impede recreational uses. Attach photos of evidence or unusual items of interest.)

|  |                                      |   |  |   |
|--|--------------------------------------|---|--|---|
| <input type="checkbox"/> City/county parks | <input type="checkbox"/> Playgrounds | <input type="checkbox"/> MDC conservation lands | <input type="checkbox"/> Urban areas   | <input type="checkbox"/> Campgrounds    |
| <input type="checkbox"/> Boating accesses  | <input type="checkbox"/> State parks | <input type="checkbox"/> National forests       | <input type="checkbox"/> Nature trails | <input type="checkbox"/> Stairs/walkway |
| <input type="checkbox"/> No trespass sign  | <input type="checkbox"/> Fence       | <input type="checkbox"/> Steep slopes           | <input type="checkbox"/> Other:        |   |

**Human Uses Observed\*:**

|                                       |                                      |                                       |   |                                       |
|---------------------------------------|--------------------------------------|---------------------------------------|---|---------------------------------------|
| <input type="checkbox"/> Swimming     | <input type="checkbox"/> Skin diving | <input type="checkbox"/> SCUBA diving | <input type="checkbox"/> Tubing                       | <input type="checkbox"/> Water skiing |
| <input type="checkbox"/> Wind surfing | <input type="checkbox"/> Kayaking    | <input type="checkbox"/> Boating      | <input type="checkbox"/> Wading                       | <input type="checkbox"/> Rafting      |
| <input type="checkbox"/> Hunting      | <input type="checkbox"/> Trapping    | <input type="checkbox"/> Fishing      | <input checked="" type="checkbox"/> None of the above | <input type="checkbox"/> Other:       |

Describe: (include number of individuals recreating, frequency of use, photo-documentation of evidence of recreational uses, etc.)

**Evidence of Human Use\*:**

|                                      |  |  |   |  |
|--------------------------------------|--|--|---|--|
| <input type="checkbox"/> Roads       | <input type="checkbox"/> Foot paths/prints | <input type="checkbox"/> Dock/platform | <input type="checkbox"/> Livestock Watering | <input type="checkbox"/> RV / ATV Tracks |
| <input type="checkbox"/> Rope swings | <input type="checkbox"/> Camping Sites     | <input type="checkbox"/> Fire pit/ring | <input type="checkbox"/> NPDES Discharge    | <input type="checkbox"/> Fishing Tackle  |
| <input type="checkbox"/> Other:      |  |  |   |  |

**Sources of Pollution:** (e.g., trash dumping, tires, drainages, discharges, etc.)

|  |
|--|
|  |
|--|



WBID # 1746 Site # 1093  
 Date: 7/27/06

4

## Data Sheet B - Site Characterization - 2 of 3

### Stream Morphology:

#### Upstream View Physical Dimensions:

|  | Distance from access point (m)   | Width (m)                                    | Length (m) | Avg. Depth (m) | Max Depth (m) |
|--|--|--|------------|----------------|---------------|
| <input type="checkbox"/> Riffle          |  |  |            |                |               |
| <input type="checkbox"/> Run             |  |  |            |                |               |
| <input checked="" type="checkbox"/> Pool | <u>~150 ~ US 1092</u>  | <u>5</u>                                     | <u>30</u>  | <u>.4</u>      | <u>.8</u>     |
| <input checked="" type="checkbox"/> Flow | Present? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Velocity (ft/sec): <u>no measurable flow</u> |            |                |               |

#### Downstream View Physical Dimensions:

|  | Distance from access point (m)   | Width (m)                                    | Length (m) | Avg. Depth (m) | Max Depth (m) |
|--|--|--|------------|----------------|---------------|
| <input type="checkbox"/> Riffle          |  |  |            |                |               |
| <input type="checkbox"/> Run             |  |  |            |                |               |
| <input checked="" type="checkbox"/> Pool | <u>~150 ~ US 1092</u>  | <u>1</u>                                     | <u>5</u>   | <u>.05</u>     | <u>.1</u>     |
| <input checked="" type="checkbox"/> Flow | Present? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Velocity (ft/sec): <u>no measurable flow</u> |            |                |               |

#### Substrate\*: (These values should add up to 100%.)

|                    |                    |        |        |            |                     |
|--------------------|--------------------|--------|--------|------------|---------------------|
| <u>50</u> % Cobble | <u>50</u> % Gravel | % Sand | % Silt | % Mud/Clay | <u>20</u> % Bedrock |
|--------------------|--------------------|--------|--------|------------|---------------------|

#### Aquatic Vegetation\*: (Note amount of vegetation or algal growth at the assessment site.)

|                   |
|-------------------|
| <u>some algae</u> |
|-------------------|

#### Water Characteristics\*: (Mark all that apply.)

|                  |   |                                 |   |  |                                 |
|------------------|---|---------------------------------|---|--|---------------------------------|
| Odor:            | <input type="checkbox"/> Sewage           | <input type="checkbox"/> Musky  | <input type="checkbox"/> Chemical       | <input checked="" type="checkbox"/> None | <input type="checkbox"/> Other: |
| Color:           | <input checked="" type="checkbox"/> Clear | <input type="checkbox"/> Green  | <input type="checkbox"/> Gray           | <input type="checkbox"/> Milky           | <input type="checkbox"/> Other: |
| Bottom Deposit:  | <input type="checkbox"/> Sludge           | <input type="checkbox"/> Solids | <input type="checkbox"/> Fine sediments | <input checked="" type="checkbox"/> None | <input type="checkbox"/> Other: |
| Surface Deposit: | <input type="checkbox"/> Oil              | <input type="checkbox"/> Scum   | <input type="checkbox"/> Foam           | <input checked="" type="checkbox"/> None | <input type="checkbox"/> Other: |

\*This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that affect another use.

WBID # 1746 Site # 1093

Date: 7/27/06

5

**Data Sheet B - Site Characterization – 3 of 3**

**Comments:** Please describe any departures from protocol and the reasons for departure (e.g., unanticipated unique local conditions, problems in measuring, site relocation).

---

---

---

---

---

---

WBID # 1746 Site # 1093  
Date: 7/27/06

6

**Field Data Sheets for Recreational Use Stream Surveys**

**Data Sheet C – Interviews**

(Make additional copies as necessary for multiple interviews)

1. Do you live in the area? ☐ Yes ☐ No

If so, how long have you lived here? \_\_\_\_\_

2. Have you personally used this water body for recreation since 1975? ☐ Yes ☐ No

If so, please check ALL that apply:

|                                       |                                      |                                       |  |                                       |
|---------------------------------------|--------------------------------------|---------------------------------------|--|---------------------------------------|
| <input type="checkbox"/> Swimming     | <input type="checkbox"/> Skin diving | <input type="checkbox"/> SCUBA diving | <input type="checkbox"/> Tubing            | <input type="checkbox"/> Water skiing |
| <input type="checkbox"/> Wind surfing | <input type="checkbox"/> Kayaking    | <input type="checkbox"/> Boating      | <input type="checkbox"/> Wading            | <input type="checkbox"/> Rafting      |
| <input type="checkbox"/> Hunting      | <input type="checkbox"/> Trapping    | <input type="checkbox"/> Fishing      | <input type="checkbox"/> None of the above | <input type="checkbox"/> Other:       |

How often do you use it for recreation?

G More than 5 times per year

G 1 – 5 times per year

G Less than 1 time per year – please describe: \_\_\_\_\_

3. Have you observed others using this water body for recreation since 1975? ☐ Yes ☐ No

If so, please check ALL that apply:

|                                       |                                      |                                       |  |                                       |
|---------------------------------------|--------------------------------------|---------------------------------------|--|---------------------------------------|
| <input type="checkbox"/> Swimming     | <input type="checkbox"/> Skin diving | <input type="checkbox"/> SCUBA diving | <input type="checkbox"/> Tubing            | <input type="checkbox"/> Water skiing |
| <input type="checkbox"/> Wind surfing | <input type="checkbox"/> Kayaking    | <input type="checkbox"/> Boating      | <input type="checkbox"/> Wading            | <input type="checkbox"/> Rafting      |
| <input type="checkbox"/> Hunting      | <input type="checkbox"/> Trapping    | <input type="checkbox"/> Fishing      | <input type="checkbox"/> None of the above | <input type="checkbox"/> Other:       |

How often have you observed it being used for recreation?

G More than 5 times per year

G 1 – 5 times per year

G Less than 1 time per year – please describe: \_\_\_\_\_

4. Additional Comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Contact Information** (if willing to provide):

Name:

Address:

Telephone #:

WBID # 1746 Site # 1094Date: 1/27/06

3

Field Data Sheets for Recreational Use Stream Surveys**Data Sheet B - Site Characterization – 1 of 3**  
(A separate Data Sheet B must be completed for each site)

|   |                           |
|---|---------------------------|
| Latitude (ddd.dddd): <u>37.95625</u>                  | Arrival Time: <u>0840</u> |
| Longitude (ddd.dddd): <u>-90.20858</u>                |                           |
| Photo Ids: Upstream: <u>#232</u>                      | Downstream: <u>#233</u>   |
| Other: <u>#234 pond discharge</u><br><u>#235 pond</u> |                           |

**Narrative Description of Location:** (Describe access point to stream, nearby roads, landmarks, etc.)

~ 375 DS from Lake outlet  
just DS from pond discharge

**Surrounding Conditions\*:** (Mark all that promote or impede recreational uses. Attach photos of evidence or unusual items of interest.)

|  |                                      |   |   |   |
|--|--------------------------------------|---|---|---|
| <input type="checkbox"/> City/county parks | <input type="checkbox"/> Playgrounds | <input type="checkbox"/> MDC conservation lands | <input type="checkbox"/> Urban areas  | <input type="checkbox"/> Campgrounds    |
| <input type="checkbox"/> Boating accesses  | <input type="checkbox"/> State parks | <input type="checkbox"/> National forests       | <input type="checkbox"/> Nature trails  | <input type="checkbox"/> Stairs/walkway |
| <input type="checkbox"/> No trespass sign  | <input type="checkbox"/> Fence       | <input type="checkbox"/> Steep slopes           | <input checked="" type="checkbox"/> Other: <u>pond discharge</u><br><u>pond</u> |   |

**Human Uses Observed\*:**

|                                       |                                      |                                       |   |                                       |
|---------------------------------------|--------------------------------------|---------------------------------------|---|---------------------------------------|
| <input type="checkbox"/> Swimming     | <input type="checkbox"/> Skin diving | <input type="checkbox"/> SCUBA diving | <input type="checkbox"/> Tubing                       | <input type="checkbox"/> Water skiing |
| <input type="checkbox"/> Wind surfing | <input type="checkbox"/> Kayaking    | <input type="checkbox"/> Boating      | <input type="checkbox"/> Wading                       | <input type="checkbox"/> Rafting      |
| <input type="checkbox"/> Hunting      | <input type="checkbox"/> Trapping    | <input type="checkbox"/> Fishing      | <input checked="" type="checkbox"/> None of the above | <input type="checkbox"/> Other:       |

Describe: (include number of individuals recreating, frequency of use, photo-documentation of evidence of recreational uses, etc.)

**Evidence of Human Use\*:**

|                                      |  |  |   |  |
|--------------------------------------|--|--|---|--|
| <input type="checkbox"/> Roads       | <input type="checkbox"/> Foot paths/prints | <input type="checkbox"/> Dock/platform | <input type="checkbox"/> Livestock Watering | <input type="checkbox"/> RV / ATV Tracks |
| <input type="checkbox"/> Rope swings | <input type="checkbox"/> Camping Sites     | <input type="checkbox"/> Fire pit/ring | <input type="checkbox"/> NPDES Discharge    | <input type="checkbox"/> Fishing Tackle  |
| <input type="checkbox"/> Other:      |  |  |   |  |

**Sources of Pollution:** (e.g., trash dumping, tires, drainages, discharges, etc.)

|  |
|--|
|  |
|--|

WBID # 1746 Site # 1094

4

Date: 7/27/06

## Data Sheet B - Site Characterization – 2 of 3

## Stream Morphology:

## Upstream View Physical Dimensions:

|  | Distance from access point (m)   | Width (m)                                    | Length (m) | Avg. Depth (m) | Max Depth (m) |
|--|--|--|------------|----------------|---------------|
| <input type="checkbox"/> Riffle          |  |  |            |                |               |
| <input type="checkbox"/> Run             |  |  |            |                |               |
| <input checked="" type="checkbox"/> Pool | <u>~150m DS1095</u>  | <u>2.5</u>                                   | <u>20</u>  | <u>.35</u>     | <u>.55</u>    |
| <input checked="" type="checkbox"/> Flow | Present? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Velocity (ft/sec): <u>no measurable flow</u> |            |                |               |

## Downstream View Physical Dimensions:

|  | Distance from access point (m)   | Width (m)                                    | Length (m) | Avg. Depth (m) | Max Depth (m) |
|--|--|--|------------|----------------|---------------|
| <input type="checkbox"/> Riffle          |  |  |            |                |               |
| <input type="checkbox"/> Run             |  |  |            |                |               |
| <input checked="" type="checkbox"/> Pool | <u>~150m DS1095</u>  | <u>2.5</u>                                   | <u>25</u>  | <u>.4</u>      | <u>.7</u>     |
| <input checked="" type="checkbox"/> Flow | Present? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Velocity (ft/sec): <u>no measurable flow</u> |            |                |               |

## Substrate\*: (These values should add up to 100%.)

| % Cobble | % Gravel | % Sand | % Silt | % Mud/Clay | % Bedrock |
|----------|----------|--------|--------|------------|-----------|
|          |          |        |        |            |           |

## Aquatic Vegetation\*: (Note amount of vegetation or algal growth at the assessment site.)

|                                     |
|-------------------------------------|
| <u>lots of algae &amp; duckweed</u> |
|-------------------------------------|

## Water Characteristics\*: (Mark all that apply.)

|                  |                                 |   |   |  |                                 |
|------------------|---------------------------------|---|---|--|---------------------------------|
| Odor:            | <input type="checkbox"/> Sewage | <input checked="" type="checkbox"/> Musky | <input type="checkbox"/> Chemical       | <input checked="" type="checkbox"/> None | <input type="checkbox"/> Other: |
| Color:           | <input type="checkbox"/> Clear  | <input checked="" type="checkbox"/> Green | <input type="checkbox"/> Gray           | <input type="checkbox"/> Milky           | <input type="checkbox"/> Other: |
| Bottom Deposit:  | <input type="checkbox"/> Sludge | <input type="checkbox"/> Solids           | <input type="checkbox"/> Fine sediments | <input checked="" type="checkbox"/> None | <input type="checkbox"/> Other: |
| Surface Deposit: | <input type="checkbox"/> Oil    | <input type="checkbox"/> Scum             | <input type="checkbox"/> Foam           | <input checked="" type="checkbox"/> None | <input type="checkbox"/> Other: |

\*This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that affect another use.

WBID # 1746 Site # 1094

Date: 7/27/06

5

### Data Sheet B - Site Characterization – 3 of 3

**Comments:** Please describe any departures from protocol and the reasons for departure (e.g., unanticipated unique local conditions, problems in measuring, site relocation).

---

---

---

---

---

---

WBID # 1746 Site # 1094

Date: 7/27/06

6

**Field Data Sheets for Recreational Use Stream Surveys**

**Data Sheet C – Interviews**

(Make additional copies as necessary for multiple interviews)

1. Do you live in the area? ☐ Yes ☐ No

If so, how long have you lived here? \_\_\_\_\_

2. Have you personally used this water body for recreation since 1975? ☐ Yes ☐ No

If so, please check ALL that apply:

|                                       |                                      |                                       |  |                                       |
|---------------------------------------|--------------------------------------|---------------------------------------|--|---------------------------------------|
| <input type="checkbox"/> Swimming     | <input type="checkbox"/> Skin diving | <input type="checkbox"/> SCUBA diving | <input type="checkbox"/> Tubing            | <input type="checkbox"/> Water skiing |
| <input type="checkbox"/> Wind surfing | <input type="checkbox"/> Kayaking    | <input type="checkbox"/> Boating      | <input type="checkbox"/> Wading            | <input type="checkbox"/> Rafting      |
| <input type="checkbox"/> Hunting      | <input type="checkbox"/> Trapping    | <input type="checkbox"/> Fishing      | <input type="checkbox"/> None of the above | <input type="checkbox"/> Other:       |

How often do you use it for recreation?

G More than 5 times per year

G 1 – 5 times per year

G Less than 1 time per year – please describe: \_\_\_\_\_

3. Have you observed others using this water body for recreation since 1975? ☐ Yes ☐ No

If so, please check ALL that apply:

|                                       |                                      |                                       |  |                                       |
|---------------------------------------|--------------------------------------|---------------------------------------|--|---------------------------------------|
| <input type="checkbox"/> Swimming     | <input type="checkbox"/> Skin diving | <input type="checkbox"/> SCUBA diving | <input type="checkbox"/> Tubing            | <input type="checkbox"/> Water skiing |
| <input type="checkbox"/> Wind surfing | <input type="checkbox"/> Kayaking    | <input type="checkbox"/> Boating      | <input type="checkbox"/> Wading            | <input type="checkbox"/> Rafting      |
| <input type="checkbox"/> Hunting      | <input type="checkbox"/> Trapping    | <input type="checkbox"/> Fishing      | <input type="checkbox"/> None of the above | <input type="checkbox"/> Other:       |

How often have you observed it being used for recreation?

G More than 5 times per year

G 1 – 5 times per year

G Less than 1 time per year – please describe: \_\_\_\_\_

4. Additional Comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Contact Information** (if willing to provide):

Name:

Address:

Telephone #:



WBID # 1746 Site # 1095  
Date: 7/27/06

3

**Field Data Sheets for Recreational Use Stream Surveys**

**Data Sheet B - Site Characterization – 1 of 3**  
(A separate Data Sheet B must be completed for each site)

|  |                         |
|--|-------------------------|
| Latitude (ddd.dddd): <u>37.95524</u>   | Arrival Time:           |
| Longitude (ddd.dddd): <u>-90.20822</u> | <u>0845</u>             |
| Photo Ids: Upstream: <u>#231</u>       | Downstream: <u>#236</u> |
| Other:                                 |                         |

**Narrative Description of Location:** (Describe access point to stream, nearby roads, landmarks, etc.)

~150 m DS from site #1096

**Surrounding Conditions\*:** (Mark all that promote or impede recreational uses. Attach photos of evidence or unusual items of interest.)

|  |                                      |   |  |   |
|--|--------------------------------------|---|--|---|
| <input type="checkbox"/> City/county parks | <input type="checkbox"/> Playgrounds | <input type="checkbox"/> MDC conservation lands | <input type="checkbox"/> Urban areas   | <input type="checkbox"/> Campgrounds    |
| <input type="checkbox"/> Boating accesses  | <input type="checkbox"/> State parks | <input type="checkbox"/> National forests       | <input type="checkbox"/> Nature trails | <input type="checkbox"/> Stairs/walkway |
| <input type="checkbox"/> No trespass sign  | <input type="checkbox"/> Fence       | <input type="checkbox"/> Steep slopes           | <input type="checkbox"/> Other:        |   |

**Human Uses Observed\*:**

|                                       |                                      |                                       |   |                                       |
|---------------------------------------|--------------------------------------|---------------------------------------|---|---------------------------------------|
| <input type="checkbox"/> Swimming     | <input type="checkbox"/> Skin diving | <input type="checkbox"/> SCUBA diving | <input type="checkbox"/> Tubing                       | <input type="checkbox"/> Water skiing |
| <input type="checkbox"/> Wind surfing | <input type="checkbox"/> Kayaking    | <input type="checkbox"/> Boating      | <input type="checkbox"/> Wading                       | <input type="checkbox"/> Rafting      |
| <input type="checkbox"/> Hunting      | <input type="checkbox"/> Trapping    | <input type="checkbox"/> Fishing      | <input checked="" type="checkbox"/> None of the above | <input type="checkbox"/> Other:       |

Describe: (include number of individuals recreating, frequency of use, photo-documentation of evidence of recreational uses, etc.)

**Evidence of Human Use\*:**

|                                      |  |  |   |  |
|--------------------------------------|--|--|---|--|
| <input type="checkbox"/> Roads       | <input type="checkbox"/> Foot paths/prints | <input type="checkbox"/> Dock/platform | <input type="checkbox"/> Livestock Watering | <input type="checkbox"/> RV / ATV Tracks |
| <input type="checkbox"/> Rope swings | <input type="checkbox"/> Camping Sites     | <input type="checkbox"/> Fire pit/ring | <input type="checkbox"/> NPDES Discharge    | <input type="checkbox"/> Fishing Tackle  |
| <input type="checkbox"/> Other:      |  |  |   |  |

**Sources of Pollution:** (e.g., trash dumping, tires, drainages, discharges, etc.)

|  |
|--|
|  |
|--|

WBID # 1746 Site # 1095

4

Date: 1/27/06

## Data Sheet B - Site Characterization - 2 of 3

## Stream Morphology:

## Upstream View Physical Dimensions:

Dry channel

|  | Distance from access point (m) | Width (m) | Length (m) | Avg. Depth (m) | Max Depth (m) |
|--|--------------------------------|-----------|------------|----------------|---------------|
| <input type="checkbox"/> Riffle  |                                |           |            |                |               |
| <input type="checkbox"/> Run   |                                |           |            |                |               |
| <input type="checkbox"/> Pool  |                                |           |            |                |               |
| <input type="checkbox"/> Flow Present? <input type="checkbox"/> Yes <input type="checkbox"/> No Velocity (ft/sec): |                                |           |            |                |               |

## Downstream View Physical Dimensions:

Dry channel

|  | Distance from access point (m) | Width (m) | Length (m) | Avg. Depth (m) | Max Depth (m) |
|--|--------------------------------|-----------|------------|----------------|---------------|
| <input type="checkbox"/> Riffle  |                                |           |            |                |               |
| <input type="checkbox"/> Run   |                                |           |            |                |               |
| <input type="checkbox"/> Pool  |                                |           |            |                |               |
| <input type="checkbox"/> Flow Present? <input type="checkbox"/> Yes <input type="checkbox"/> No Velocity (ft/sec): |                                |           |            |                |               |

## Substrate\*: (These values should add up to 100%.)

|          |          |        |        |            |           |
|----------|----------|--------|--------|------------|-----------|
| % Cobble | % Gravel | % Sand | % Silt | % Mud/Clay | % Bedrock |
|----------|----------|--------|--------|------------|-----------|

## Aquatic Vegetation\*: (Note amount of vegetation or algal growth at the assessment site.)

|            |
|------------|
| <u>N/A</u> |
|------------|

## Water Characteristics\*: (Mark all that apply.)

|                  |                                 |                                 |   |                                |                                 |
|------------------|---------------------------------|---------------------------------|---|--------------------------------|---------------------------------|
| Odor:            | <input type="checkbox"/> Sewage | <input type="checkbox"/> Musky  | <input type="checkbox"/> Chemical       | <input type="checkbox"/> None  | <input type="checkbox"/> Other: |
| Color:           | <input type="checkbox"/> Clear  | <input type="checkbox"/> Green  | <input type="checkbox"/> Gray           | <input type="checkbox"/> Milky | <input type="checkbox"/> Other: |
| Bottom Deposit:  | <input type="checkbox"/> Sludge | <input type="checkbox"/> Solids | <input type="checkbox"/> Fine sediments | <input type="checkbox"/> None  | <input type="checkbox"/> Other: |
| Surface Deposit: | <input type="checkbox"/> Oil    | <input type="checkbox"/> Scum   | <input type="checkbox"/> Foam           | <input type="checkbox"/> None  | <input type="checkbox"/> Other: |

\*This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that affect another use.

WBID # 1746 Site # 1095

5

Date: 7/27/06

**Data Sheet B - Site Characterization – 3 of 3**

**Comments:** Please describe any departures from protocol and the reasons for departure (e.g., unanticipated unique local conditions, problems in measuring, site relocation).

US + DS sections were dry

WBID # 1746 Site # 1095

Date: 7/27/06

6

**Field Data Sheets for Recreational Use Stream Surveys**

**Data Sheet C – Interviews**

(Make additional copies as necessary for multiple interviews)

1. Do you live in the area? ☐ Yes ☐ No

If so, how long have you lived here? \_\_\_\_\_

2. Have you personally used this water body for recreation since 1975? ☐ Yes ☐ No

If so, please check ALL that apply:

|                                       |                                      |                                       |  |                                       |
|---------------------------------------|--------------------------------------|---------------------------------------|--|---------------------------------------|
| <input type="checkbox"/> Swimming     | <input type="checkbox"/> Skin diving | <input type="checkbox"/> SCUBA diving | <input type="checkbox"/> Tubing            | <input type="checkbox"/> Water skiing |
| <input type="checkbox"/> Wind surfing | <input type="checkbox"/> Kayaking    | <input type="checkbox"/> Boating      | <input type="checkbox"/> Wading            | <input type="checkbox"/> Rafting      |
| <input type="checkbox"/> Hunting      | <input type="checkbox"/> Trapping    | <input type="checkbox"/> Fishing      | <input type="checkbox"/> None of the above | <input type="checkbox"/> Other:       |

How often do you use it for recreation?

G More than 5 times per year

G 1 – 5 times per year

G Less than 1 time per year – please describe: \_\_\_\_\_

3. Have you observed others using this water body for recreation since 1975? ☐ Yes ☐ No

If so, please check ALL that apply:

|                                       |                                      |                                       |  |                                       |
|---------------------------------------|--------------------------------------|---------------------------------------|--|---------------------------------------|
| <input type="checkbox"/> Swimming     | <input type="checkbox"/> Skin diving | <input type="checkbox"/> SCUBA diving | <input type="checkbox"/> Tubing            | <input type="checkbox"/> Water skiing |
| <input type="checkbox"/> Wind surfing | <input type="checkbox"/> Kayaking    | <input type="checkbox"/> Boating      | <input type="checkbox"/> Wading            | <input type="checkbox"/> Rafting      |
| <input type="checkbox"/> Hunting      | <input type="checkbox"/> Trapping    | <input type="checkbox"/> Fishing      | <input type="checkbox"/> None of the above | <input type="checkbox"/> Other:       |

How often have you observed it being used for recreation?

G More than 5 times per year

G 1 – 5 times per year

G Less than 1 time per year – please describe: \_\_\_\_\_

4. Additional Comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Contact Information** (if willing to provide):

Name:

Address:

Telephone #:

WBID # 1746 Site # 1096Date: 1/21/06

3

**Field Data Sheets for Recreational Use Stream Surveys****Data Sheet B - Site Characterization – 1 of 3**  
(A separate Data Sheet B must be completed for each site)

|  |                         |  |
|--|-------------------------|--|
| Latitude (ddd.dddd): <u>37.95382</u>   |                         | Arrival Time: <u>0850</u>                          |
| Longitude (ddd.dddd): <u>-90.20784</u> |                         |  |
| Photo Ids: Upstream: <u>#238</u>       | Downstream: <u>#239</u> | Other: <u>#240 path</u><br><u>#241 sign @ boat</u> |

**Narrative Description of Location:** (Describe access point to stream, nearby roads, landmarks, etc.)~ 50 ft from ~~road~~ lake access**Surrounding Conditions\*:** (Mark all that promote or impede recreational uses. Attach photos of evidence or unusual items of interest.)

|  |                                      |   |   |   |
|--|--------------------------------------|---|---|---|
| <input type="checkbox"/> City/county parks | <input type="checkbox"/> Playgrounds | <input type="checkbox"/> MDC conservation lands | <input type="checkbox"/> Urban areas  | <input type="checkbox"/> Campgrounds    |
| <input type="checkbox"/> Boating accesses  | <input type="checkbox"/> State parks | <input type="checkbox"/> National forests       | <input checked="" type="checkbox"/> Nature trails                               | <input type="checkbox"/> Stairs/walkway |
| <input type="checkbox"/> No trespass sign  | <input type="checkbox"/> Fence       | <input type="checkbox"/> Steep slopes           | <input checked="" type="checkbox"/> Other: <u>sign (fishing, hunting, etc.)</u> |   |

**Human Uses Observed\*:**

|                                       |                                      |                                       |   |                                       |
|---------------------------------------|--------------------------------------|---------------------------------------|---|---------------------------------------|
| <input type="checkbox"/> Swimming     | <input type="checkbox"/> Skin diving | <input type="checkbox"/> SCUBA diving | <input type="checkbox"/> Tubing                       | <input type="checkbox"/> Water skiing |
| <input type="checkbox"/> Wind surfing | <input type="checkbox"/> Kayaking    | <input type="checkbox"/> Boating      | <input type="checkbox"/> Wading                       | <input type="checkbox"/> Rafting      |
| <input type="checkbox"/> Hunting      | <input type="checkbox"/> Trapping    | <input type="checkbox"/> Fishing      | <input checked="" type="checkbox"/> None of the above | <input type="checkbox"/> Other:       |

Describe: (include number of individuals recreating, frequency of use, photo-documentation of evidence of recreational uses, etc.)

**Evidence of Human Use\*:**

|                                      |  |  |   |  |
|--------------------------------------|--|--|---|--|
| <input type="checkbox"/> Roads       | <input type="checkbox"/> Foot paths/prints | <input type="checkbox"/> Dock/platform | <input type="checkbox"/> Livestock Watering | <input type="checkbox"/> RV / ATV Tracks |
| <input type="checkbox"/> Rope swings | <input type="checkbox"/> Camping Sites     | <input type="checkbox"/> Fire pit/ring | <input type="checkbox"/> NPDES Discharge    | <input type="checkbox"/> Fishing Tackle  |
| <input type="checkbox"/> Other:      |  |  |   |  |

**Sources of Pollution:** (e.g., trash dumping, tires, drainages, discharges, etc.)

|  |
|--|
|  |
|--|

WBID # 1746 Site # 1096

4

Date: 7/27/06

## Data Sheet B - Site Characterization – 2 of 3

## Stream Morphology:

## Upstream View Physical Dimensions:

|  | Distance from access point (m) | Width (m) | Length (m) | Avg. Depth (m) | Max Depth (m) |
|--|--------------------------------|-----------|------------|----------------|---------------|
| <input type="checkbox"/> Riffle  |                                |           |            |                |               |
| <input type="checkbox"/> Run   |                                |           |            |                |               |
| <input type="checkbox"/> Pool  |                                |           |            |                |               |
| <input type="checkbox"/> Flow Present? <input type="checkbox"/> Yes <input type="checkbox"/> No Velocity (ft/sec): |                                |           |            |                |               |

## Downstream View Physical Dimensions:

|  | Distance from access point (m) | Width (m) | Length (m) | Avg. Depth (m) | Max Depth (m) |
|--|--------------------------------|-----------|------------|----------------|---------------|
| <input type="checkbox"/> Riffle  |                                |           |            |                |               |
| <input type="checkbox"/> Run   |                                |           |            |                |               |
| <input type="checkbox"/> Pool  |                                |           |            |                |               |
| <input type="checkbox"/> Flow Present? <input type="checkbox"/> Yes <input type="checkbox"/> No Velocity (ft/sec): |                                |           |            |                |               |

## Substrate\*: (These values should add up to 100%.)

|          |          |        |        |            |           |
|----------|----------|--------|--------|------------|-----------|
| % Cobble | % Gravel | % Sand | % Silt | % Mud/Clay | % Bedrock |
|----------|----------|--------|--------|------------|-----------|

## Aquatic Vegetation\*: (Note amount of vegetation or algal growth at the assessment site.)

|  |
|--|
|  |
|--|

## Water Characteristics\*: (Mark all that apply.)

|                  |                                 |                                 |   |                                |                                 |
|------------------|---------------------------------|---------------------------------|---|--------------------------------|---------------------------------|
| Odor:            | <input type="checkbox"/> Sewage | <input type="checkbox"/> Musky  | <input type="checkbox"/> Chemical       | <input type="checkbox"/> None  | <input type="checkbox"/> Other: |
| Color:           | <input type="checkbox"/> Clear  | <input type="checkbox"/> Green  | <input type="checkbox"/> Gray           | <input type="checkbox"/> Milky | <input type="checkbox"/> Other: |
| Bottom Deposit:  | <input type="checkbox"/> Sludge | <input type="checkbox"/> Solids | <input type="checkbox"/> Fine sediments | <input type="checkbox"/> None  | <input type="checkbox"/> Other: |
| Surface Deposit: | <input type="checkbox"/> Oil    | <input type="checkbox"/> Scum   | <input type="checkbox"/> Foam           | <input type="checkbox"/> None  | <input type="checkbox"/> Other: |

\*This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that affect another use.

WBID # 1746 Site # 1096

5

Date: 1/27/06

### Data Sheet B - Site Characterization – 3 of 3

**Comments:** Please describe any departures from protocol and the reasons for departure (e.g., unanticipated unique local conditions, problems in measuring, site relocation).

US+DS sections were dry



WBID # 1746 Site # 1096

Date: 7/27/06

6

**Field Data Sheets for Recreational Use Stream Surveys**

**Data Sheet C – Interviews**

(Make additional copies as necessary for multiple interviews)

1. Do you live in the area? ☐ Yes ☐ No

If so, how long have you lived here? \_\_\_\_\_

2. Have you personally used this water body for recreation since 1975? ☐ Yes ☐ No

If so, please check ALL that apply:

|                                       |                                      |                                       |  |                                       |
|---------------------------------------|--------------------------------------|---------------------------------------|--|---------------------------------------|
| <input type="checkbox"/> Swimming     | <input type="checkbox"/> Skin diving | <input type="checkbox"/> SCUBA diving | <input type="checkbox"/> Tubing            | <input type="checkbox"/> Water skiing |
| <input type="checkbox"/> Wind surfing | <input type="checkbox"/> Kayaking    | <input type="checkbox"/> Boating      | <input type="checkbox"/> Wading            | <input type="checkbox"/> Rafting      |
| <input type="checkbox"/> Hunting      | <input type="checkbox"/> Trapping    | <input type="checkbox"/> Fishing      | <input type="checkbox"/> None of the above | <input type="checkbox"/> Other:       |

How often do you use it for recreation?

☐ More than 5 times per year

☐ 1 – 5 times per year

☐ Less than 1 time per year – please describe: \_\_\_\_\_

3. Have you observed others using this water body for recreation since 1975? ☐ Yes ☐ No

If so, please check ALL that apply:

|                                       |                                      |                                       |  |                                       |
|---------------------------------------|--------------------------------------|---------------------------------------|--|---------------------------------------|
| <input type="checkbox"/> Swimming     | <input type="checkbox"/> Skin diving | <input type="checkbox"/> SCUBA diving | <input type="checkbox"/> Tubing            | <input type="checkbox"/> Water skiing |
| <input type="checkbox"/> Wind surfing | <input type="checkbox"/> Kayaking    | <input type="checkbox"/> Boating      | <input type="checkbox"/> Wading            | <input type="checkbox"/> Rafting      |
| <input type="checkbox"/> Hunting      | <input type="checkbox"/> Trapping    | <input type="checkbox"/> Fishing      | <input type="checkbox"/> None of the above | <input type="checkbox"/> Other:       |

How often have you observed it being used for recreation?

☐ More than 5 times per year

☐ 1 – 5 times per year

☐ Less than 1 time per year – please describe: \_\_\_\_\_

4. Additional Comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Contact Information** (if willing to provide):

Name:

Address:

Telephone #:

**WBID# 1746**



**Site# 1091 Photo ID# 227, Upstream**



**Site# 1091 Photo ID# 226, Downstream**



**Site# 1092 Photo ID# 228, Upstream**



**Site# 1092 Photo ID# 229, Downstream**



**WBID# 1746**



**Site# 1093 Photo ID# 231, Upstream**



**Site# 1093 Photo ID# 230, Downstream**



**Site# 1094 Photo ID# 232, Upstream**



**Site# 1094 Photo ID# 233, Downstream**



**WBID# 1746**



**Site# 1094 Photo ID# 234, Pond discharge**



**Site# 1094 Photo ID# 235, Pond**



**Site# 1095 Photo ID# 237, Upstream**



**Site# 1095 Photo ID# 236, Downstream**



**WBID# 1746**



**Site# 1096 Photo ID# 238, Upstream**

No photo



**Site# 1096 Photo ID# 239, Downstream**

No photo

**Site# 1096 Photo ID# 240, Path**

**Site# 1096 Photo ID# 241, Sign**